

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A method of collecting statistics in a database management system comprising a plurality of collection objects, at least one collection object of the plurality of collection objects comprising at least one table, comprising:

- receiving a workload comprising a plurality of database queries;
- identifying query statistics for the database queries;
- consolidating the query statistics for the database queries to provide consolidated statistics; and

generating at least one statistics collection task based on the consolidated statistics.

Claim 2 (previously presented): The method of claim 1 wherein the at least one statistics collection task is to collect database statistics associated with the at least one table of at the least one collection object of the plurality of collection objects.

Claim 3 (previously presented): The method of claim 1 wherein said generating generates one statistics collection task for each collection object of a subset of the plurality of collection objects based on the consolidated statistics.

Claim 4 (previously presented): The method of claim 1 wherein the collection objects are table spaces.

Claim 5 (previously presented): The method of claim 1 wherein a particular collection object of the plurality of collection objects comprises a plurality of tables, wherein said generating

generates a particular statistics collection task to collect database statistics for the plurality of tables of the particular collection object.

Claim 6 (previously presented): The method of claim 1 wherein the plurality of collection objects comprise a plurality of tables, each table of the plurality of tables is associated with a table score based on, at least in part, a number of references to said each table by the queries of the workload, further comprising:

determining a collection object score for each collection object of the plurality of collection objects based on, at least in part, the table score of at least one table of said each collection object to provide collection object scores, wherein said generating generates the statistics collection tasks for the collection objects in accordance with the collection object scores.

Claim 7 (previously presented): The method of claim 6 wherein the table score is also based on, at least in part, a cost of the queries referencing said each table.

Claim 8 (previously presented): The method of claim 1 wherein the query statistics comprise column information, and when a column specified in the column information is part of an index, generating an index portion of the at least one statistics collection task to collect database statistics for that column.

Claim 9 (previously presented): An article of manufacture comprising a computer usable medium embodying one or more instructions executable by a computer for performing a method of collecting statistics in a database management system comprising a plurality of collection objects, at least one collection object of the plurality of collection objects comprising at least one table, the method comprising:

receiving a workload comprising a plurality of database queries;
identifying query statistics for the database queries;

consolidating the query statistics for the database queries to provide consolidated statistics; and

generating at least one statistics collection task based on the consolidated statistics.

Claim 10 (previously presented): The article of manufacture of claim 9 wherein the at least one statistics collection task is to collect database statistics associated with the at least one table of at the least one collection object of the plurality of collection objects.

Claim 11 (previously presented): The article of manufacture of claim 9 wherein said generating generates one statistics collection task for each collection object of a subset of the plurality of collection objects based on the consolidated statistics.

Claim 12 (previously presented): The article of manufacture of claim 9 wherein the collection objects are table spaces.

Claim 13 (previously presented): The article of manufacture of claim 9 wherein a particular collection object of the plurality of collection objects comprises a plurality of tables, wherein said generating generates a particular statistics collection task to collect database statistics for the plurality of tables of the particular collection object.

Claim 14 (previously presented): The article of manufacture of claim 9 wherein the plurality of collection objects comprise a plurality of tables, each table of the plurality of tables is associated with a table score based on, at least in part, a number of references to that table by the queries of the workload, further comprising:

determining a collection object score for each collection object of the plurality of collection objects based on, at least in part, the table score of at least one table of said each collection object to provide collection object scores, wherein said generating generates the statistics collection tasks for the collection objects in accordance with the collection object scores.

Claim 15 (previously presented): The article of manufacture of claim 14 wherein the table score is also based on, at least in part, a cost of the queries referencing said each table.

Claim 16 (previously presented): The article of manufacture of claim 9 wherein the query statistics comprise column information, and when a column specified in the column information is part of an index, generating an index portion of the at least one statistics collection task to collect database statistics for that column.

Claim 17 (previously presented): An apparatus for collecting statistics in a database management system comprising a plurality of collection objects, at least one collection object of the plurality of collection objects comprising at least one table, comprising:

- a processor; and
- a memory storing one or more instructions that:
 - receive a workload comprising a plurality of database queries;
 - identify query statistics for the database queries;
 - consolidate the query statistics for the database queries to provide consolidated statistics; and

- generate at least one statistics collection task based on the consolidated statistics.

Claim 18 (previously presented): The apparatus of claim 17 wherein the at least one statistics collection task is to collect database statistics associated with the at least one table of at the least one collection object of the plurality of collection objects.

Claim 19 (previously presented): The apparatus of claim 17 wherein said one or more instructions generate one statistics collection task for a collection object of the plurality of collection objects.

Docket No.: SVL920030141US1

Appl. No.: 10/824,856

Amdt. dated May 7, 2007

Reply to Final Office Action of March 5, 2007

Claim 20 (previously presented): The apparatus of claim 17 wherein the collection objects are tablespaces.